CRUSTACEANA

INTERNATIONAL JOURNAL OF CRUSTACEAN RESEARCH

VOLUME XLII

LEIDEN
E. J. BRILL
1982

Vol. 41 Part 3 (pp. 225-320, i-viii) — 8 December 1981
Vol. 42 Part 1 (pp. 1-112) — 15 January 1982
Part 2 (pp. 113-224) — 16 March 1982

Copyright 1982 by E. J. Brill, Leiden, The Netherlands

All rights reserved. No part of this book may be reproduced or translated in any form, by print, photoprint, microfilm, microfiche or any other means without written permission from the publisher

PRINTED IN THE NETHERLANDS

CONTENTS

Ahmed, Muzammil & Zahoorunnissa Hakeem, The incidence of males and eggs in the brood pouches of females of *Epipenaeon qadrii* Qazi, 1959 from the northern Arabian Sea (Isopoda, Bopyridae) 316

Atkinson, John M. & Nelson C. Boustead, The complete larval development of the scyllarid lobster *Ibacus alticrenatus* Bate, 1888 in New Zealand waters 275

Bar-El, T., see Kahan, D.

Battish, Sarwan Kumar, On two species of *Herpetocypris* Brady & Norman (Ostracoda) from Punjab with the description of a new species 142

Boustead, Nelson C., see Atkinson, John M.

Branscomb, E. Sanford & Karen Vedder, A description of the naupliar stages of the barnacles *Balanus glandula* Darwin, *Balanus cariosus* Pallas, and *Balanus crenatus* Bruguière (Cirripedia Thoracica)... 83

Breman, Evert, see Gonzáles C., Luis

Bruce, A. J., Notes on some Indo-Pacific Pontoniinae, XXXIX. *Isopontonia platycheles* gen. nov., sp. nov., from the Chesterfield Islands, New Caledonia (Decapoda, Caridae) 54

——, Notes on some Indo-Pacific Pontoniinae, XL. The rediscovery of *Periclimenes lifuensis* Borradaile, 1898 (Decapoda, Pontoniinae) and the establishment of its systematic position 158

Bruce, Niel L., Species of *Argathona* Stebbing, 1905 (Isopoda, Corallanidae) new to Australia, with description of two new species 12

——, On the genus *Corallana* Dana, 1852 (Isopoda, Corallanidae) with description of a new species from Western Australia 241

Bursey, C. R., Salinity tolerance and osmotic response in two species of spider crabs of the genus *Libinia* (Decapoda Brachyura, Majidae)..... 194

Charmantier, Guy, Les glandes céphaliques de *Paragnathia formica* (Hesse, 1864) (Isopoda, Gnathiidae): localisation et ultrastructure 179

Chong, V. C. & A. Sasekumar, On the identification of three morpho-species of prawns *Penaeus merguiensis* De Man, *Penaeus indicus* H. Milne Edwards and *Penaeus penicillatus* Alcock (Decapoda, Penaeidae) 127

Dooley, H. D., see Shelton, R. G. J.

Felder, Darryl L., A report of the ostracode *Vargula harveyi* Kornicker & King, 1965 (Myodocopida, Cypridinidae) in the southern Bahamas and its implication in luminescence of a Ghost Crab, *Ocypode quadrata* (Fabricius, 1787)..... 222

FOUND, BRUCE W., see ZINN, DONALD J.
GHANI, NASEEM A., see TIRMIZI, NASIMA M.
GONZÁLES C., LUIS & EVERT BREMAN, Distribution of planktonic Ostracoda in the surface waters of the Bonaire basin and adjacent seas..... 201
GREENWOOD, J. G. & D. J. HADLEY, A redescription of the mysid *Idiomysis inermis* Tattersall, 1922 (Mysidacea) to include the previously unknown female 174
GREENWOOD, J. G. & M. J. TUCKER, A new species of *Robertsonia* (Copepoda, Harpacticoida) from Port Curtis, Queensland..... 288
GROW, LINDA, Burrowing/soil-texture relationships in the crayfish, *Cambarus diogenes diogenes* Girard (Decapoda, Astacidea)..... 150
HADLEY, D. J., see GREENWOOD, J. G.
HAKEEM, ZAHOORUNNISSA, see AHMED, MUZAMMIL
HICKS, GEOFFREY R. F., New records of harpacticoid copepods from the east coast of Britain, and a description of the true male of *Laophonte danversae* Hamond..... 302
HOCKIN, DAVID C., Further records of meiofauna predation and implications for the community stability..... 106
HOLTHUIS, L. B., Notes on Indo-West Pacific Crustacea Decapoda, I and II..... 26
JOHNSON, CLIFFORD, Multiple insemination and sperm storage in the isopod, *Venezillo evergladensis* Schultz, 1963 225
JONES, D. A., New isopods of the genus *Lanocira* (Corallanidae) from the Indian Ocean region..... 65
KAHAN, D. & T. BAR-EL, *Schizopera elatensis* n. sp. (Copepoda, Harpacticoida) from Elat, Israel 308
KRAUS, M. GAYLE, see ZINN, DONALD J.
KRISTENSEN, I., see RICE, A. L.
LEWINSOHN, Ch., *Aniculus retipes* n. sp. ein neuer Einsiedlerkrebs aus dem Roten Meer (Decapoda, Anomura)..... 76
——, Eine neue Art der Gattung *Spiropagurus* Stimpson (Decapoda, Anomura) aus dem Roten Meer 212
——, *Phylladiorhynchus integrirostris* (Dana) und *Lauriea gardineri* (Laurie) (Decapoda, Anomura) aus dem nördlichen Roten Meer..... 295
LOWRY, J. K., The status of the gammaridean Amphipoda collected by the Australasian Antarctic Expedition 1911-1914..... 319
LUNA-MARTE, CLARISSA, Seasonal variation in food and feeding of *Penaeus monodon* Fabricius (Decapoda, Natantia)..... 250
MIELKE, WOLFGANG, Einige Laophontidae (Copepoda, Harpacticoida) von Panama 1
MONTAGNA, PAUL A., Morphological adaptation in the deep-sea benthic harpacticoid copepod family Cerviniidae..... 37
Notes and News..... 106, 219, 315

PAUL, R. K. G., Observations on the ecology and distribution of swimming crabs of the genus *Callinectes* (Decapoda, Brachyura, Portunidae) in the Gulf of California, Mexico 96
Review 111
RICE, A. L. & I. KRISTENSEN, Surface swarms of swimming crab megalopae at Curaçao (Decapoda, Brachyura) 233
SALMAN, SALMAN D., Larval development of the crab *Pilumnus hirtellus* (L.) reared in the laboratory (Decapoda Brachyura, Xanthidae) 113
——, Observations on the larvae of North European crabs of the genus *Ebalia* (Brachyura, Leucosiidae) 256
SASEKUMAR, A., see CHONG V. C.
SHELTON, R. G. J. & H. D. DOOLEY, New records of the geryonid crab, *Geryon affinis* Milne Edwards & Bouvier, and other deep water Brachyura from the North East Atlantic 108
SMITH, DOUGLAS G., Range extensions for two species of gammaroidean amphipods in northeastern North America 315
ŠTEVČIĆ, Z., [Review of] D. Guinot, Données nouvelles sur la morphologie, la phylogenèse et taxonomie des Crustacés Décapodes Brachyoures 111
——, In memoriam Otmar Karlovac (1902-1980) 219
STOCK, J. H., Book Announcement. Résultats des campagnes Musorstom, I 112
——, Book Announcement. Osamu Ohguchi, Prey density and selection against oddity by Three-spined Sticklebacks 224
TIRZIMI, NASIMA M. & NASEEM A. GHANI, New distributional records for three species of *Acetes* (Decapoda, Sergestidae) 44
TUCKER, M. J., see GREENWOOD, J. G.
VANNINI, MARCO, Notes on Somalian species of the genus *Hypocolpus* (Decapoda, Brachyura, Xanthidae) with the description of a new species 101
VEDDER, KAREN, see BRANSCOMB, E. SANFORD
WILLIAMS, ERNEST H. & LUCY B. WILLIAMS, First report of *Periclimenes yucatanicus* (Ives) (Decapoda, Palaemonidae) in association with a corallimorpharian anemone 318
WILLIAMS, LUCY B., see WILLIAMS, ERNEST H.
ZINN, DONALD J., BRUCE W. FOUND & M. GAYLE KRAUS, A bibliography of the Mystacocarida 270